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 Plate: 2a50 row: e column: 05
 Seq primer: M13 universal forward primer
 High quality sequence stop: 427.
 Location/Qualifiers

FEATURES
 source
 1..427
 /organism="Xenopus laevis"
 /db_xref="taxon:8355"
 /clone_lib="Xenopus EST library"
 /tissue_type="total brain tissue"
 /cell_line="w22-rga"
 /dev_stage="tadpole"
 /note="Vector: Lambda Zap I; Site-1: XbaI; This library was supplied by Holly Cline (Cold Spring Harbor Labs).
 cDNA synthesis with oligo dt Xba I (Xba I cloning site).
 RNA: stage 50-56 tadpoles, total brain tissue, GTC extraction method."

COUNT 114 a 122 c 91 g 100 t

Query Match 4.2%; Score 271.2; DB 71; Length 427;
 Best Local Similarity 79.8%; Pred. No. 2e-41;
 Matches 335; Conservative 0; Mismatches 78; Indels 7; Gaps 1;

1678 ttatttcgtccttaagtgaaagtgatgagtcagagcagagccgttccttattgca 1737
 15 TCATCTCTGATTATTCAGAAAGTGTGAGCCCGAGAACCTGTCTCTTATGTGCA 74
 1738 acgtgaaaggaaacaccttggccagatcagcttgagccctgagatgacccgatttca 1797
 75 ACCTAAAGAGAACGCTCTTTCGACGATCATTGACGCTGACACGACACCCCATATCA 134
 1798 aggtgtgcagtcacccgacatcagatgatcagctcggaaggagaaagtgttcagctacc 1857
 135 AGAAGCGCCACACAGAAATAGTACATATACCTCTAGGCGCAACGTTGTCAGTAC 194
 1858 tgaacatctccagctccagagtcgagagcgagtgatctcagcgtcagcagcaacaaact 1917
 195 TGAACATCACCACACATCAAGTCCGAGATGCGCGGTGTAACCATCCAGGTAACAAC 254
 1918 cggcgaggagtcgtctgtacagagctcgaaataacgtaagagggcctcgaagatcgac 1977
 235 CTGGCGGGCTGTCTTGTACAGGCTCGAATTAACG-----CCTGCAAGTATCCGTC 307
 1978 caatgaaacacatcacagcaatagcagagcgagacacatcattcactctgtgattg 2037
 308 CAATGAAACATCACGCGCATACCTGGGGGACACATACATCCACTGCGCGCATTTG 367
 2038 gctatcgctattatcccttaaatgtacaaagacttaacactgcttcttcaaccacc 2097
 368 GATATCCCTACTACTCCATCAAGTGTGTAACAAACCTTAACCTCCCTCCATTAAACACC 427

RESULT 11
 LOCUS F13426 310 bp mRNA EST 15-MAR-1995
 DEFINITION HSC2XA021 normalized infant brain cDNA Homo sapiens cDNA clone
 C-2xa02, mRNA sequence.
 ACCESSION F13426
 VERSION F13426.1 GI:710043
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;
 Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1 (bases 1 to 310)
 AUTHORS Aulifray, C., Behar, G., Bois, F., Bouchier, C., da Silva, C.,
 Devignes, M.D., Duprat, S., Houlgatte, R., Jumeau, M.N., Lamy, B.,
 Lorenzo, F., Mitchell, H., Mariage-Samson, R., Pletu, G., Pouliot, Y.,
 Sebastiani, Kabakchis, C. and Tessier, A.

TITLE IMAGE: molecular integration of the analysis of the human genome
 and its expression
 JOURNAL C. R. Acad. Sci. III, Sci. Vie 318 (2), 263-272 (1995)
 MEDLINE 9527534
 COMMENT Contact: Genethon
 Genethon
 Genethon Centre de recherche sur le Genome Humain
 1, rue de l'Internationale, BP60 91002 EVRY Cedex, FRANCE
 Tel: 33169472800
 Fax: 33160778698
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Single read.
 Genexpress library, idt: C; Genexpress_sequence_idt: y2c-2xa02
 Insert Length: 1500 Std Error: 0.00
 Seq primer: (-21)M13-universal
 High quality sequence stop: 335.
 Location/Qualifiers

FEATURES
 source
 1..310
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="normalized infant brain cDNA"
 /sex="Female"
 /tissue_type="total brain"
 /dev_stage="3 months old"
 /note="Organ: brain; Vector: lambda BA; Site-1: HindIII;
 Site-2: NotI; sex=Female; dev_stage=3 months old;
 isolate-muscular atrophy patient; tissue_type=total
 brain; total mRNA was oligo-(dT) primed and directionally
 cloned 5' -> 3' into the HindIII -> NotI sites of the
 lambda BA vector. Clone library from B. Soares, Psychiatry
 Dept. Columbia University, USA. Normalization method:
 Bento Soares, P.N.A.S. in press"

BASE COUNT 79 a 73 c 89 g 66 t 3 others

Query Match 4.1%; Score 265; DB 21; Length 310;
 Best Local Similarity 95.4%; Pred. No. 2.8e-40;
 Matches 271; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

5115 gctgtgcgggaaagcaagcgaagagctgagatgacaaagatttagctgaatgct 5174
 27 GGAGGGCGGGGAGAGAGGCTTAAGAGGCTCGAGATGCAAGATTACCTGAATNCT 86
 5175 catgagtaagaaatcccgacttcagatcgttaagcaagcaagacagccctgcgaat 5234
 87 CATGAGTAAGAAATACCCGACTTCAGNTACGTTAAGCAACGACGACGACCTGCGAA 146
 5235 gcaatcgacataccagaggtccagcttttgatgaagagagacagatgagaccat 5294
 147 GCATCGGCTATCCCGAGGCTCAGCTTTGATTGAAGAGAGACAGACGATGAGACAT 206
 5295 tgatgatcgctcagaggtctgttgaagagatgctgactttgagagagcagctaaagca 5354
 207 TGATGATCGCTCCACGGTCTNTTGAAGGATGCTGACTTGTGAGGGCGAGCTAAGCAG 266
 5355 gtccctgaagtcacttcacagcaggttcattacacatcgggtgtctc 5398
 267 GTCCCTGACGGTCACTCACAGCGGTCCATTACCAATGGGGTCTC 310

RESULT 12
 LOCUS AM048531 365 bp mRNA EST 18-SEP-1999
 DEFINITION UI-M-BH1-ax-b-07-0-UI.s1 NIH_BMAP_M.S2 Mus musculus cDNA clone
 UI-M-BH1-ax-b-07-0-UI 3', mRNA sequence.
 ACCESSION AM048531
 VERSION AM048531.1 GI:5909060
 KEYWORDS EST.
 SOURCE house mouse.
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;